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PROJECT MEMORANDUM
SCE WEST OF DEVERS (WOD) UPGRADE PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: May 24, 2018
Subject: Monitoring Report #17: May 14 to 20, 2018

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project.

CPUC Environmental Monitor (EM): Jamie Miner was onsite May 14, 16, 17, and 18.

CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project.

Table 1 – NTPs
(Updated 05/24/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	03/29/18	Construction on BLM lands	Transmission Line construction on BLM lands

Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

Material Yards (NTP #1)

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY
- Grand Terrace MY
- Poultry MY
- San Timoteo MY



- Beaumont #1 MY
- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY
- Devers MY

CPUC granted authorization for material storage at the Devers MY in early October 2017. This authorization did not include any activities associated with construction or yard improvements, which are not expected to be required for the project.

After verification that preconstruction measures had been fulfilled, CPUC authorization to begin yard preparation work at the Mountain View #1 and Poultry MYs was provided on February 14, 2018, and authorization for the Beaumont #2 MY was granted on March 2, 2018. The preconstruction compliance package for the Matich MY was received April 16, 2018 and authorization to begin yard preparation work was provided on May 1, 2018.

Summary of Construction Activity

1. For the currently approved material yards, Cunningham Davis Construction and Cold Smoke Fence Company are installing BMPs and chain link fencing, respectively. All other activities are being performed by the contractor operating out of each respective yard.
2. The Mountain View #1 MY is being utilized by Hot Line Construction as their primary base of operations and materials/equipment storage location. Work associated with the Mountain View #1 MY was limited to material/equipment deliveries and general yard maintenance throughout the monitoring period.
3. The Poultry MY is being utilized by Barnard Construction as their primary base of operations and material/equipment storage location. Work associated with the Poultry MY included installation and connection of equipment to supply electric power (see Photo 1). Materials/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
4. The Beaumont #2 MY is being utilized by CJ/Aldridge Drilling as their primary base of operations and material/equipment storage location. Work associated with the Beaumont #2 MY was limited to material/equipment deliveries and general yard maintenance throughout the monitoring period.
5. The Matich MY is being utilized by Barnard Construction primarily for tubular steel pole (TSP) storage. Work associated with the Matich MY included BMP and chain link fence installation (see Photo 2).
6. Work associated with the Devers MY included ongoing material demobilization throughout the monitoring period.

Environmental Compliance

1. All construction activities associated with NTP #1 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #1 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #1.
3. There were no reportable (> 1 gallon) spills associated with NTP #1 identified during the monitoring period.

4. One new active nest and no fledged/failed (non-project) nests associated with NTP #1 were reported during the monitoring period. To date, there are three active nests (house finch) located within work areas associated with NTP #1. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project Nesting Bird Management Plan (NBMP).
5. No special-status species were observed or identified at locations associated with NTP #1 during the monitoring period.

Substations (NTP #2)

Five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

Summary of Construction Activity

1. For the current substation construction activities, site supervision is being provided by Circle Wood Services and bus position replacement, reconductoring, and CCVT installation is being conducted by TTR Substations.
2. Work associated with the El Casco Substation upgrades included demolishing jumpers and installation of new breakers at bus positions #1 and #7.

Environmental Compliance

1. All construction activities associated with NTP #2 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period (see Photo 3).
2. There were no SWPPP maintenance items associated with NTP #2 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #2.
3. There were no reportable (> 1 gallon) spills associated with NTP #2 identified during the monitoring period.
4. Sixteen new active nests and two fledged/failed (non-project) nests associated with NTP #2 were reported during the monitoring period. To date, there are 21 active nests (least Bell's vireo [LBVI], house finch, Lawrence's goldfinch, house wren, red-shouldered hawk, and red-tailed hawk) located within work areas associated with NTP #2. On April 26, SCE requested agency concurrence to modify existing buffers for LBVI active nests along the El Casco Substation access road. The request was threefold, including a reduction of one active LBVI nest buffer to continue activities within the walled substation, concurrence to permit ingress/egress through two active LBVI nest buffers encompassing the access road, and concurrence to permit ingress/egress through any future active LBVI nest buffers encompassing the access road. Concurrence from USFWS was granted on May 3. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the NBMP.
5. Special-status species observed or identified at locations associated with NTP #2 during the monitoring period included LBVI, yellow-breasted chat, and broad-footed mole.

Distribution, Subtransmission, and Telecommunication Work (NTP #3)

As defined in NTP #3, distribution improvements consist of three work packages. These include:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)

As defined in NTP #3, subtransmission improvements consist of three work packages. These include:

- Removal of San Bernardino–Redlands-Timoteo and the San Bernardino–Redlands-Tennessee 66-kV Lines (Timoteo-Tennessee Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (Timoteo Relocation)
- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (Tennessee Relocation)

As defined in NTP #3, telecommunication improvements consist of six work packages. These include:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection),
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection),
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection),
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection),
- El Casco–Banning Connection to Devers-Vista Skywrap (El Casco–Banning Connection), and
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection).

To date, all telecommunication, distribution, and subtransmission pre-compliance materials associated with NTP #3 have been submitted and approved.

Summary of Construction Activity

1. For the currently approved subtransmission components, major construction activities are being performed primarily by Hot Line Construction with support from CJ Drilling and Barnard Construction.
2. Work associated with the Timoteo Relocation subtransmission improvements included potholing for existing utilities; excavation and installation of underground vaults, conduit, and lightweight tubular steel poles (LWTSPs); and excavation for tubular steel poles (TSPs).
3. Work associated with the Tennessee Relocation subtransmission improvements included, potholing for existing utilities; excavation and installation of underground vaults, conduit, and LWTSPs; and excavation for TSPs (see Photos 4 and 5).
4. Work associated with the Maraschino Connection telecom improvements has been completed.
5. Work associated with the El Casco–Banning Connection telecom improvements has been completed.

Environmental Compliance

1. All construction activities associated with NTP #3 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #3 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #3.

3. There were no reportable (> 1 gallon) spills associated with NTP #3 identified during the monitoring period.
4. On May 4, approval was granted from the City of Redlands for late work scheduled on May 19 associated with the installation of four TSPs at the intersections of Citrus Avenue and Iowa Street, and Citrus Avenue and Nevada Street. All work required under this approval was completed within the permitted hours.
5. No new active nests and no fledged/failed nests associated with NTP #3 were reported during the monitoring period. To date, there is one active nest (golden eagle) located within work areas associated with NTP #3. A request for a buffer reduction associated with the golden eagle nest was submitted for agency review on February 15, 2018. On February 23, 2018, USFWS denied the request. No construction activities within the nest buffer are planned until the nest fledges. In the event nests are established, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project NBMP.
6. No special-status species were observed or identified at locations associated with NTP #3 during the monitoring period.

Transmission Work (NTP #4)

NTP #4 includes descriptions of six transmission line segments, identified as Segments 1 through 6.

The preconstruction compliance package for Segment 4 was received May 1, 2018 and authorization was granted on May 4, 2018.

Summary of Construction Activity

1. For the currently approved transmission components, Power Grade Incorporated is conducting BMP installation and vegetation removal.
2. Work associated with Segment 4 included stabilizing access road entrances at Palmer Avenue and San Timoteo Canyon Road. BMP installation and vegetation removal were conducted at Tower Sites 4X51, 4X53, 4X54, 4X55, and 4X57 (see Photo 6).

Environmental Compliance

1. All construction activities associated with NTP #4 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #4 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #4.
3. There were no reportable (> 1 gallon) spills associated with NTP #4 identified during the monitoring period.
4. Ten new active nests and no fledged/failed nests associated with NTP #4 were identified during the monitoring period. To date, there are 19 active nests (Anna's hummingbird, house finch, Bewick's wren, American crow, common raven, red-tailed hawk) located within work areas associated with NTP #4. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project NBMP.
5. No special-status species were observed or identified at locations associated with NTP #4 during the monitoring period.

Transmission Work BLM Lands (NTP #5)

NTP #5 includes the portion of one transmission line segment, identified as Segment 6, which traverses properties managed by the BLM. NTP #5 was approved by BLM on March 29, 2018. To date, no work authorized by NTP #5 has been requested or has occurred.

Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)

Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date. MPR #12 was approved during the subject reporting period.

Table 2 - TEWS & MPRs
(Updated 05/24/18)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco–Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road
Minor Project Refinements (MPRs)				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco–Banning Connection	Adjustments to alignment along Oak Valley Parkway
MPR #4	12-27-17	1-3-18	Maraschino/El Casco–Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail

TEWS / MPC	Date Requested	Date Issued	Phase	Description
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities
MPR #7	2-23-18	2-28-18	Poultry MY	Temporary water and electrical supply to yard
MPR #8	2-27-18	3-2-18	El Casco Connection/ Segment 1	New telecom splice location and single new steel pole installation
MPR #9	3-26-18	3-27-18	El Casco Connection	Telecom work areas along El Casco Substation access road
MPR #10	4-6-18	4-9-18	Mountain View #1 MY/All subtrans	Additional work spaces at Mountain View #1 MY entry and at subtransmission improvements work areas
MPR #11	5-4-18	5-8-18	Tennessee Relocation	Relocation of 5 subtransmission structures from the east side to the west side of Nevada Street
MPR #12	5-14-18	5-16-18	Timoteo Relocation	Additional work space for TSP erection at Bryn Mawr Avenue and Interstate 10.
MPR #13	5-23-18	Pending	Project-wide	Addition of encased fire hose to O'Grady Court water source and use of 17 water sources to support construction activities.

CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Incidents, Project Memoranda, and Non-Compliance Reports
(Updated 05/24/18)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.
Level 1 Incident	MM WIL-1b	04-19-18	Timoteo/ Tennessee Relocation	A portable water tank was observed uncovered for four consecutive days.

PROJECT PHOTOGRAPHS



Photo 1 – Installing electrical equipment along San Timoteo Road to supply electric power to Poultry MY (May 16, 2018).



Photo 2 – Installing rock base at Match MY (May 17, 2018).



Photo 3 – Crews working at El Casco Substation avoiding Environmentally Sensitive Area (ESA) delineated by orange pylons (May 14, 2018).



Photo 4 – Trenching for underground conduit at Barton Road and Iowa Street for Tennessee Relocation (May 14, 2018).



Photo 5 – Installation of TSP along San Bernardino Avenue for Tennessee Relocation (May 16, 2018).



Photo 6 – Stabilizing entrance to Segment 4 along Palmer Avenue (May 18, 2018).